

ABSTRACT OF THE DISCLOSURE

An optical element comprising an object-side imaging element for imaging an object on an intermediate image plane in an optical path before a final image plane and an image-side imaging element for reimaging an object image formed on the intermediate image plane, on the final image plane, wherein at least one of the object-side imaging element and the image-side imaging element comprises an off-axial curved surface, and wherein aberration is generated by both of the object-side imaging element and the image-side imaging element, thereby flattening (disturbance of) a light intensity distribution caused on the final image plane by a noise source at or near the intermediate image plane.